

INFORMATION DISCLOSURE  
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X23-959

09/726,215

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FOULADI et al.

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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>SM</i>	001	6,226,012	5/2001	PRIEM et al.		
	002	6,198,488	3/2001	LINDHOLM et al.		
	003	6,181,352	1/2001	KIRK et al.		
	004	6,173,367	1/2001	ALEKSIC et al.		
	005	6,092,124	7/2000	PRIEM et al.		
	006	6,057,852	5/2000	KRECH, Jr.		
	007	6,037,949	3/2000	DeROSE et al.		
	008	6,028,611	2/2000	ANDERSON et al.		
	009	6,025,853	2/2000	BALDWIN		
	010	6,023,738	2/2000	PRIEM et al.		
	011	6,002,409	12/1999	HARKIN		
	012	5,999,196	12/1999	STORM et al.		
	013	5,969,726	10/1999	RENTSCHLER et al.		
	014	5,949,440	9/1999	KRECH, Jr. et al.		
	015	5,949,424	9/1999	CABRAL et al.		
	016	5,940,086	8/1999	RENTSCHLER et al.		
	017	5,920,326	7/1999	RENTSCHLER et al.		
	018	5,917,496	6/1999	FUJITA et al.		
	019	5,874,969	2/1999	STORM et al.		
	020	5,821,949	10/1998	DEERING		
	021	5,815,166	9/1998	BALDWIN		
	022	5,805,868	9/1998	MURPHY		
	023	5,801,716	9/1998	SILVERBROOK		
	024	5,801,706	9/1998	FUJITA et al.		
	025	5,798,770	8/1998	BALDWIN		
	026	5,777,629	7/1998	BALDWIN		
	027	5,774,133	6/1998	NEAVE et al.		
	028	5,768,629	6/1998	WISE et al.		
	029	5,768,626	6/1998	MUNSON et al.		
	030	5,764,243	6/1998	BALDWIN		
	031	5,758,182	5/1998	ROSENTHAL et al.		
	032	5,727,192	3/1998	BALDWIN		
	033	5,721,947	2/1998	PRIEM et al.		
	034	5,701,444	12/1997	BALDWIN		
	035	5,687,357	11/1997	PRIEM		
	036	5,608,424	3/1997	TAKAHASHI et al.		
	037	5,594,854	1/1997	BALDWIN et al.		
<i>SM</i>	038	5,504,917	4/1996	AUSTIN		
*Examiner	<i>SM</i>			Date Considered	3/10/03	

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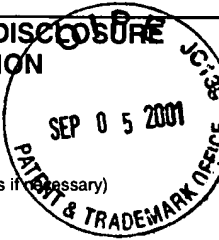
FILING DATE

GROUP

November 28, 2000

2671

(Use several sheets if necessary)



## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>SM</i>	039 5,457,775	10/1995	JOHNSON Jr. et al.			
	040 5,421,028	5/1995	SWANSON			
	041 5,392,393	2/1995	DEERING			
	042 5,392,385	2/1995	EVANGELISTI et al.			
	043 5,170,468	12/1992	SHAH et al.			
	044 5,136,664	8/1992	BERSACK et al.			
	045 4,945,500	7/1990	DEERING			
	046 4,914,729	4/1990	OMORI et al.			
	047 4,901,064	2/1990	DEERING			
	048 4,866,637	9/1989	GONZALEZ-LOPEZ et al.			
	049 4,862,392	8/1989	STEINER			
	050 4,829,295	5/1989	HIROYUKI			
	051 4,725,831	2/1988	COLEMAN			
	052 4,658,247	4/1987	GCHARACHORLOO			
	053 4,570,233	2/1986	YAN et al.			
	054 4,425,559	1/1984	SHERMAN			
<i>SM</i>	055 4,388,620	6/1983	SHERMAN			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
<i>SM</i>	056 EP 1 081 649	3/2001	EUROPEAN				
	057 EP 1 075 146	2/2001	EUROPEAN				
	058 EP 1 074 945	2/2001	EUROPEAN				
	059 JP 2000-215325	8/2000	JAPAN (w/English Abstract)				
	060 JP 2000-207582	7/2000	JAPAN (w/English Abstract)				
	061 JP 2000-182077	6/2000	JAPAN (w/English Abstract)				
	062 JP 2000-156875	6/2000	JAPAN (w/English Abstract)				
	063 JP 2000-149053	5/2000	JAPAN (w/English Abstract)				
	064 JP 2000-132706	5/2000	JAPAN (w/English Abstract)				
	065 JP 2000-132704	5/2000	JAPAN (w/English Abstract)				
	066 JP 2000-92390	3/2000	JAPAN (w/English Abstract)				
	067 JP 2000-66985	3/2000	JAPAN (w/English Abstract)				
	068 JP 11259678	9/1999	JAPAN (w/English Abstract)				
<i>SM</i>	069 JP 11259671	9/1999	JAPAN (w/English Abstract)				

\*Examiner

Date Considered

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2671

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## FOREIGN PATENT DOCUMENTS

TRANSLATION

	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
070	JP 11226257	8/1999	JAPAN (w/English Abstract)				
071	JP 11203500	7/1999	JAPAN (w/English Abstract)				
072	JP 11161819	6/1999	JAPAN (w/English Abstract)				
073	JP 11076614	3/1999	JAPAN (w/English Abstract)				
074	JP 11053580	2/1999	JAPAN (w/English Abstract)				
075	WO 94/10641	5/1994	WIPO				
076	CA 2,070,934	12/1993	CANADIAN				

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

077	Photograph of Sony PlayStation II System
078	Photograph of Sega Dreamcast System
079	Photograph of Nintendo 64 System
080	Whitepaper: 3D Graphics Demystified, November 11, 1999, www.nvidia.com
081	Whitepaper: "Z Buffering, Interpolation and More W-Buffering", Doug Rogers, January 31, 2000, www.nvidia.com
082	Whitepaper: Using GL_NV_vertex_array and GL_NV_fence, posted 8/1/2000, www.nvidia.com
083	Whitepaper: Anisotropic Texture Filtering in OpenGL, posted 7/17/2000, www.nvidia.com
084	Whitepaper: Mapping Texels to Pixels in D3D, posted 4/5/2000, www.nvidia.com
085	Whitepaper: Guard Band Clipping, posted 1/31/2000, www.nvidia.com
086	Whitepaper: Cube Environment Mapping, posted 1/14/2000, www.nvidia.com
087	Whitepaper: Color Key in D3D, posted 1/11/2000, www.nvidia.com
088	Whitepaper: Vertex Blending Under DX7 for the GeForce 256, 1/5/2000, www.nvidia.com
089	Whitepaper: Optimizing Direct3D for the GeForce 256, 1/3/2000, www.nvidia.com
090	Whitepaper: Dot Product Texture Blending, 12/3/1999, www.nvidia.com
091	Whitepaper: Technical Brief: AGP 4X with Fast Writes, 11/10/1999, www.nvidia.com
092	Technical Brief: Transform and Lighting, 11/10/1999, www.nvidia.com
093	Technical Brief: What's New With Microsoft DirectX7, posted 11/10/1999, www.nvidia.com
094	Mitchell et al., "Multitexturing in DirectX6", Game Developer, September 1998, www.gdmag.com
095	VisionTek, "GeForce2 GS Graphics Processing Unit", ©2000 www.visiontek.com
096	Jim Bushnell et al. "Advanced Multitexture Effects With Direct3D and OpenGL", Pyramid Peak Design & ATI Research, Inc., GameDevelopers Conference, ©1999
097	Sony PlayStation II Instruction Manual, Sony Computer Entertainment Inc., ©2000
098	Stand and Be Judged, Next Generation, May 2000
099	PlayStation II: Hardware Heaven or Hell?, Next Generation, January 2000
100	Chris Charla, "Play Station II: The Latest News", Next Generation, September 1999
101	"First PlayStation II Gameplay Screens Revealed!", Next Generation, September 1999
102	Game Enthusiast Online Highlights, March 18, 1999
103	Game Enthusiast Online Highlights, March 19, 1999
104	Game Enthusiast Online Highlights, March 17, 1999
105	Game Enthusiast Online Highlights, October 20, 1999
106	Joel Easley, "PlayStation II Revealed", Game Week, September 29, 1999

\*Examiner

Date Considered

3/13/03

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

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APPLICANT

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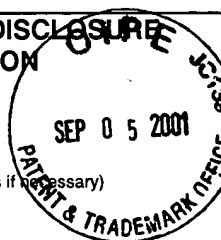
FILING DATE

GROUP

November 28, 2000

2671

(Use several sheets if necessary)



## OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

107	Inside Sony's Next Generation Playstation, ©1999
108	Press Releases, March 18, 1999
109	Chris Johnston, "PlayStation Part Deux", Press Start, ©1999
110	Nikkei Shimbun, "Sony Making SME, Chemical and SPT into Wholly-Owned Subsidiaries", March 9, 1999
111	AM News: Japanese Developers Not All Sold on PS2, Next Generation, March 16, 1999
112	Sony To Turn PlayStation Maker Into Wholly Owned Unit-Nikkei, Dow Jones News Service, March 8, 1999
113	Yumiko Ono, Sony Antes Up Its Chips In Bet On New Game System, Dow Jones News Service, March 4, 1999
114	MacWeek.Com Gets Inside Story on Connectix VGS for Windows; Controversial Emulator of Sony PlayStation Games Cureently Available for Macs Only, Business Wire, March 12, 1999
115	"DexDrive Bridges Gap", The Tampa Tribune, March 12, 1999
116	A Microprocessor With a 128b CPU, 10 Floating-Point MAC's, 4 Floating-Point Dividers, and an MPEG2 Decoder, 1999 IEEE International Solid-State Circuits Conference, February 16, 1999
117	Dreamcast Instruction Manual, Sega Enterprises, Ltd., ©1998
118	"Sega To Launch Video Camera for Dreamcast", Reuters Business News, February 16, 2000
119	David Pescovitz, "Dream On", Wired, August 1999
120	Randy Nelson, "Dreamcast 101: Everything You Ever Wanted To Know About Sega's Powerful New Console", Official Sega Dreamcast Magazine, June 1999
121	2D/3D Graphics Card User Manual, Guillemot ©1999
122	Nintendo 64 Instruction Booklet, Nintendo of America, 1998
123	Steven Levy, "Here Comes PlayStation II", Newsweek, March 6, 2000
124	David Sheff, "Sony Smackage: Test Driving The PlayStation II", Wired, November 1999
125	Introducing The Next Generation PlayStation, Sony Computer Entertainment Inc., ©1999
126	Leadtek GTS, August 3, 2000, www.hexus.net
127	Voodoo 5 5500 Review, July 26, 2000, www.hexus.net
128	ATI Radeon 64 Meg DDR OEM, August, 19, 2000, www.hexus.net
129	Microsoft Xbox - The Future of Gaming, Microsoft Xbox Performance Sheet, www.xbox.com
130	Robert L. COOK, "Shade Trees", Computer Graphics, Vol. 18, No. 3, July 1984
131	WANG et al., "Second-Depth Shadow Mapping", Department of Computer Science, Univ. N.C, Chapel Hill, N.C. pp. 1-7
132	PEERCY et al., "Efficient Bump Mapping Hardware", Computer Graphics Proceedings, Annual Conference Series, 1997
133	Gustavo OLIVEIRA, "Refractive Texture Mappig, Part One", www.gamasutra.com, November, 10, 2000
134	John SCHLAG, "Fast Embossing Effects on Raster Image Data, Graphics Gems IV, Edited by Paul S. Heckbert, Computer Science Department, Carnegie Mellon University, Academic Press, Inc., 1994, pp.433-437
135	James F. BLINN, "Simulation of Wrinkled Surfaces," Caltech/JPL, pp. 286-292, SIGGRAPH 78 (1978)
136	Tomas MÖLLER and Eric HAINES "Real-Time Rendering", AK Peters, Ltd., ©1999, pp. 127-142
137	Technical Presentation: Vertex Buffers, posted 6/12/2000, www.nvidia.com
138	Technical Presentation: Hardware Transform and Lighting, www.nvidia.com, posted 6/12/2000
139	Technical Presentation: Hardware Bump-mapping Choices and Concepts, 6/07/2000, www.nvidia.com
140	Technical Presentation: How to Bump Map a Skinned Polygonal Model, 6/7/2000, www.nvidia.com
141	Technical Presentation: Computations for Hardware Lighting and Shading, 3/17/2000, www.nvidia.com

\*Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

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FEULADI et al.

FILING DATE

GROUP

November 28, 2000

2671

(Use several sheets if necessary)

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

- 142 Technical Presentation: Practical Bump-mapping for Today's GPUs, 3/17/2000 www.nvidia.com
- 143 Technical Presentation: Shadows, Transparency, & Fog, 3/17/2000 www.nvidia.com
- 144 Technical Presentation: GeForce 256 Register Combiners, 3/17/2000, www.nvidia.com
- 145 Technical Presentation: TexGen & The Texture Matrix, 3/15/2000 www.nvidia.com
- 146 Technical Presentation: Toon Shading, 3/15/2000, www.nvidia.com
- 147 Technical Presentation: D3D 7 Vertex Lighting, 3/15/2000, www.nvidia.com
- 148 Technical Presentation: Per-Pixel Lighting (by S. Dietrich) 3/14/2000 www.nvidia.com
- 149 Technical Presentation: GeForce 256 and RIVA TNT Combiners, 12/8/1999, www.nvidia.com
- 150 Technical Presentation: Vertex Cache Optimization, 11/12/1999, www.nvidia.com
- 151 Technical Presentation: Vertex Blending, 11/12/1999, www.nvidia.com
- 152 Technical Presentation: Hardware Transform and Lighting, 11/12/1999, www.nvidia.com
- 153 Technical Presentation: GeForce 256 Overview, 11/12/1999, www.nvidia.com
- 154 Technical Presentation: DirectX 7 and Texture Management, 11/12/1999 www.nvidia.com
- 155 Technical Presentation: Dot Product Lighting, 11/12/1999, www.nvidia.com
- 156 Technical Presentation: Texture Coordinate Generation, 11/3/1999, www.nvidia.com
- 157 Technical Presentation: Phong Shading and Lightmaps, 11/3/1999, www.nvidia.com
- 158 Technical Presentation: The ARB\_multitexture Extension, 11/3/1999 www.nvidia.com
- 159 Technical Presentation: Multitexture Combiners, 11/3/1999, www.nvidia.com
- 160 Technical Presentation: Emboss Bump Mapping, 11/3/1999, www.nvidia.com
- 161 Technical Presentation: Hardware Accelerated Anisotropic Lighting, 11/3/1999 www.nvidia.com
- 162 Technical Presentation: Guard Band Clipping, 11/3/1999, www.nvidia.com
- 163 The RenderMan Interface, Stephan R. Keith, Version 3.1, Pixar Animation Studios, September 1989
- 164 The RenderMan Interface, Version 3.2, Pixar Animation Studios, July 2000, www.pixar.com
- 165 NVIDIA Product Overview, "GeForce2Ultra", NVIDIA Corporation, 8/21/00, www.nvidia.com
- 166 Duke, "Dreamcast Technical Specs", Sega Dreamcast Review, Sega, 2/99, www.game-revolution.com
- 167 Marlin Rowley, "GeForce 1 & 2 GPU Speed Tests", 5/11/2000, www.g256.com
- 168 "Dreamcast: The Full Story", Next Generation, September 1998

## OTHER REFERENCE ON SEPARATE CD:

DirectX 7.0 Programmer's Reference, Microsoft Corporation, 1995-1999 (as part of the DirectX 7.0 SDK on the Companion CD included with "Inside Direct3D", Microsoft Programming Series, Peter J. Kovach, Microsoft Press, 1999)

## TEXTBOOK REFERENCES:

- "Inside Direct3D", Microsoft Programming Series, Peter J. Kovach, Microsoft Press, 1999
- "OpenGL Programming Guide, The Official Guide to Learning OpenGL, Release 1", Jackie Nieder, Tom David, Mason Woo, Addison-Wesley Publishing Co., 1993
- "Procedural Elements for Computer Graphics," Second Edition, David F. Rogers, McGraw Hill, 1998
- "Real-Time Rendering," Tomas Moller, Eric Haines, AK Peters, 1999
- "Computer Graphics, Principles and Practice," Second Edition, The Systems Programming Series, Foley, van Dam, Fiener, Hughes, Addison Wesley, 1990
- "Principles of Three-Dimensional Computer Animation", "Revised Edition, Michael O'Rourke, W.W. Norton & Company, 1998

\*Examiner

Date Considered

3/16/03

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>SHS</i>	4.275.413	Jun-81	Sakamoto et al.			
	4.357.624	Nov-82	GREENBERG			
	4.463.380	Jul-84	HOOKS, Jr.			
	4.586.038	Apr-86	Sims et al.			
	4.600.919	Jul-86	Stern			
	4.615.013	Sep-86	YAN et al.			
	4.625.289	Nov-86	Rockwood			
	4.692.880	Sep-87	MERZ et al.			
	4.808.988	Feb-89	BURKE et al.			
	4.817.175	Mar-89	TENENBAUM et al.			
	4.855.934	Aug-89	Robinson			
	4.888.712	Dec-89	BARKANS et al.			
	4.897.806	Jan-90	COOK et al.			
	4.907.174	Mar-90	PRIEM			
	4.918.625	04/17/1	Yan			
	4.935.879	Jun-90	UEDA			
	4.974.176	Nov-90	BUCHNER et al.			
	4.974.177	Nov-90	NISHIGUCHI			
	4.989.138	Jan-91	Radochonski			
	5.003.496	Mar-91	HUNT, Jr. et al.			
	5.016.183	May-91	Shvong			
	5.018.076	May-91	JOHARY et al.			
	5.043.922	Aug-91	Matsumoto			
	5.062.057	Oct-91	BLACKEN et al.			
	5.091.967	Feb-92	Ohsawa			
	5.097.427	Mar-92	Lathrop et al.			
	5.144.291	Sep-92	Nishizawa			
	5.204.944	Apr-93	WOLBERG et al.			
	5.224.208	Jun-93	MILLER, JR. et al.			
	5.239.624	Aug-93	COOK et al.			
	5.241.658	Aug-93	MASTERSON et al.			
	5.255.353	Oct-93	Itoh			
	5.268.995	Dec-93	Diefendorff et al.			
	5.268.996	Dec-93	STEINER et al.			
	5.278.948	Jan-94	Luken, Jr.			
	5.307.450	Apr-94	Grossman			
	5.315.692	May-94	HANSEN et al.			
	5.345.541	Sep-94	Kellev et al.			
<i>SHS</i>	5.353.424	Oct-94	Partovi et al.			

\*Examiner

Date Considered

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Filing Date

Group

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2671

**RECEIVED**

	5.357.579	Oct-94	BUCHNER et al.				MAY 14 2003
	5.361.386	Nov-94	Watkins et al.				Technology Center 2600
	5.363.475	Nov-94	BAKER et al.				
	5.377.313	Dec-94	Scheibl				
	5.394.516	Feb-95	WINSER				
	5.402.532	Mar-95	Epstein et al.				
	5.404.445	Apr-95	Matsumoto				
	5.408.650	Apr-95	ARSENAULT				
	5.412.796	May-95	OLIVE				
	5.415.549	May-95	LOGG				
	5.416.606	05/16/1	Katavama et al.				
	5.422.997	Jun-95	NAGASHIMA				
	5.432.895	Jul-95	MYERS				
	5.432.900	Jul-95	Rhodes et al.				
	5.438.663	Aug-95	Matsumoto et al.				
	5.461.712	Oct-95	CHELSTOWSKI et al.				
	5.467.438	Nov-95	Nishio et al.				
	5.467.459	Nov-95	Alexander et al.				
	5.469.535	Nov-95	JARVIS et al.				
	5.473.736	Dec-95	Young				
	5.475.803	Dec-95	Stearns et al.				
	5.487.146	Jan-96	Guttao et al.				
	5.490.240	Feb-96	FORAN et al.				
	5.495.563	Feb-96	WINSER				
	5.495.563	Feb-96	Winsor, Paul A.				
	5.504.499	Apr-96	Horie et al.				
	5.506.604	Mar-96	NALLY et al.				
	5.535.374	Jul-96	OLIVE				
	5.543.824	Aug-96	PRIEM et al.				
	5.544.292	Aug-96	WINSER				
	5.548.709	Aug-96	HANNAH et al.				
	5.553.228	Sep-96	ERB et al.				
	5.557.712	Sep-96	Guav				
	5.559.954	Sep-96	SAKODA et al.				
	5.561.746	Oct-96	MURATA et al.				
	5.561.752	Oct-96	Jevans				
	5.563.989	Oct-96	BILLYARD				
	5.566.285	Oct-96	Okada				
	5.573.402	Nov-96	GRAY				
	5.579.456	Nov-96	Cosman, Michael A.				
	5.582.451	Dec-98	COX et al.				
	5.586.234	Dec-96	SAKURABA et al.				

\*Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

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Group

November 28, 2000

2671

MAY 14 2003

Technology Center 2600



5.593.350	Jan-97	BOUTON et al.			
5.600.763	Feb-97	GREENE et al.			
5.606.650	02/25/1	Kellev et al.			
5.607.157	Mar-97	NAGASHIMA			
5.608.864	Mar-97	BINDLISH et al.			
5.616.031	Apr-97	LOGG			
5.621.867	Apr-97	MURATA et al.			
5.628.686	May-97	SVANCAREK et al.			
5.638.535	Jun-97	Rosenthal et al.			
5.644.364	Jul-97	KURTZE et al.			
5.649.082	Jul-97	Burns			
5.650.955	Jul-97	PUAR et al.			
5.651.104	Jul-97	COSMAN			
5.657.478	Aug-97	RECKER et al.			
5.659.671	Aug-97	TANNENBAUM et al.			
5.659.715	Aug-97	WU et al.			
5.664.162	Sep-97	DYE			
5.666.439	Sep-97	Ishida et al.			
5.678.037	Oct-97	Osugi et al.			
5.682.522	Oct-97	HUANG et al.			
5.684.941	Nov-97	Dve			
5.687.304	Nov-97	Kiss, Kenneth W.			
5.691.746	Nov-97	SHYU			
5.694.143	Dec-97	Felder et al.			
5.696.892	Dec-97	REDMANN et al. (w/Abstract)			
5.703.806	Dec-97	PUAR et al.			
5.706.481	Jan-98	HANNAH et al.			
5.706.482	Jan-98	MATSUSHIMA et al.			
5.714.981	Feb-98	SCOTT-JACKSON et al.			
5.724.561	Mar-98	TAROLLI et al.			
5.726.689	Mar-98	NEGISHI et al.			
5.726.947	Mar-98	Yamazaki et al.			
5.734.386	Mar-98	COSMAN			
5.739.819	Apr-98	Bar-Nahum			
5.740.343	Apr-98	Tarolli et al.			
5.740.383	Apr-98	NALLY et al.			
5.742.749	Apr-98	Foran et al.			
5.742.788	Apr-98	PRIEM et al.			
5.745.118	Apr-98	ALCORN et al.			
5.745.125	Apr-98	Deering et al.			
5.748.199	May-98	Palm			
5.751.291	May-98	Olsen et al.			

\*Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



INFORMATION DISCLOSURE  
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Atty. Docket No.

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Applicant

FOULADI et al

Filing Date

November 28, 2000

Serial No.

09/726,215

Group

2671

RECEIVED

MAY 14 2003

Technology Center 2600

	5,751,292	May-98	EMMOT		
	5,751,295	May-98	Becklund et al		
	5,757,382	May-98	Lee		
	5,760,783	Jun-98	MIGDAL et al.		
	5,764,228	Jun-98	BALDWIN		
	5,764,237	Jun-98	KANEKO		
	5,767,856	Jun-98	PETERSON et al.		
	5,767,858	06/16/1	Kawase et al.		
	5,768,629	Jun-98	Wise et al.		
	5,777,623	Jul-98	SMALL		
	5,781,927	Jul-98	WU et al.		
	5,791,994	Aug-98	HIRANO et al.		
	5,801,711	Sep-98	KOSS et al.		
	5,801,720	Sep-98	Norrod et al.		
	5,805,175	Sep-98	Priem		
	5,808,619	Sep-98	CHOI et al.		
	5,808,630	Sep-98	PANNELL		
	5,809,219	Sep-98	PEARCE et al.		
	5,809,278	Sep-98	WATANABE et al.		
	5,815,165	Sep-98	BLIXT		
	5,818,456	Oct-98	COSMAN et al.		
	5,819,017	Oct-98	Akelev et al.		
	5,821,940	Oct-98	Morgan et al.		
	5,828,382	Oct-98	WILDE		
	5,828,383	Oct-98	MAY et al.		
	5,828,907	Oct-98	Wise et al.		
	5,831,624	Nov-98	TAROLLI et al.		
	5,831,625	Nov-98	RICH et al. (w/Abstract)		
	5,831,640	Nov-98	WANG et al.		
	5,835,096	Nov-98	BALDWIN		
	5,835,792	Nov-98	Wise et al.		
	5,844,576	Dec-98	WILDE et al.		
	5,850,229	Dec-98	Edelsbrunner et al.		
	5,856,829	Jan-99	GRAY, III et al.		
	5,859,645	Jan-99	LATHAM		
	5,861,888	Jan-99	DEMPSEY		
	5,861,893	Jan-99	Strugess, Jav J.		
	5,867,166	02-199	Mvhrvold et al.		
	5,870,097	Feb-99	Snvder et al.		
	5,870,098	Feb-99	Gardiner		
	5,870,102	Feb-99	TAROLLI et al.		
	5,870,109	Feb-99	MCCORMACK et al.		

\*Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

INFORMATION DISCLOSURE  
CITATION

Atty. Docket No.

Serial No.

**723-959****09/726,215**

Applicant

**FOULADI et al**

Filing Date

Group

**November 28, 2000****2671****RECEIVED****MAY 14 2003****Technology Center 2600**

5.870.587	Feb-99	DANFORTH et al.			
5.872.902	Feb-99	Kuchkuda et al.			
5.877.741	Mar-99	CHEE et al.			
5.877.770	Mar-99	HANAOKA			
5.877.771	Mar-99	DREBIN et al.			
5.880.736	Mar-99	PEERCY et al.			
5.880.737	03/09/1	Griffen et al.			
5.883.638	Mar-99	Rouet et al.			
5.886.705	03/23/1	Lentz			
5.887.155	Mar-99	Laidig			
5.890.190	Mar-99	Rutman			
5.892.517	Apr-99	RICH (w/Abstract)			
5.892.974	Apr-99	KOIZUMI et al.			
5.894.300	04/13/1	Takizawa			
5.900.881	May-99	IKEDO			
5.903.283	May-99	SELWAN et al.			
5.909.218	Jun-99	Naka et al.			
5.909.225	Jun-99	SCHINNERER et al.			
5.912.675	Jun-99	Laperriere			
5.912.676	Jun-99	MALLADI et al.			
5.914.721	Jun-99	Lim			
5.914.725	Jun-99	Mcinnnis et al.			
5.914.729	Jun-99	LIPPINCOTT			
5.920.876	Jul-99	UNGAR et al.			
5.923.332	Jul-99	IZAWA			
5.923.334	Jul-99	LUKEN			
5.926.182	Jul-99	MENON et al.			
5.926.647	Jul-99	ADAMS et al.			
5.933.150	Aug-99	Ngo et al.			
5.933.154	Aug-99	HOWARD et al.			
5.933.155	Aug-99	AKELEY			
5.933.529	Aug-99	Kim			
5.936.641	Aug-99	Jain et al.			
5.936.683	Aug-99	LIN			
5.940.538	Aug-99	Spiegel et al.			
5.943.058	Aug-99	Naoy			
5.943.060	Aug-99	COSMAN et al.			
5.945.997	Aug-99	ZHAO et al.			
5.949.421	Sep-99	Ogletree et al.			
5.949.423	Sep-99	Olsen			
5.949.428	Sep-99	Toelle et al.			
5.949.428	Sep-99	TOELLE et al.			

\*Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

INFORMATION DISCLOSURE  
CITATION

Atty. Docket No.

Serial No.

723-959

09/726,215

Applicant

FOULADI et al

Filing Date

Group

November 28, 2000

2671

RECEIVED

MAY 14 2003

Technology Center 2600

5.956.042	Sep-99	Tucker et al.
5.956.043	Sep-99	JENSEN
5.958.020	Sep-99	EVOY et al.
5.959.640	Sep-99	RUDIN et al.
5.963.220	Oct-99	LEE et al.
5.966.134	Oct-99	Arias
5.977.979	Nov-99	Clough et al.
5.977.984	Nov-99	OMORI
5.982.376	Nov-99	ABE et al.
5.982.390	Nov-99	Stoneking et al.
5.986.659	Nov-99	GALLERY et al.
5.986.663	11/16/1	Wilde
5.986.677	Nov-99	JONES et al.
5.987.567	Nov-99	RIVARD et al.
5.990.903	Nov-99	DONOVAN
5.995.121	Nov-99	Alcokrn et al.
5.999.189	Dec-99	Kaiiva et al.
5.999.198	Dec-99	HORAN et al.
6.002.407	Dec-99	FADDEN
6.002.410	Dec-99	BATTLE
6.005.582	Dec-99	GABRIEL et al.
6.005.583	12/21/1	Morrison
6.005.584	12/21/1	Kitamura et al.
6.007.428	Dec-99	NISHIUMI et al.
6.008.820	Dec-99	Chauvin et al.
6.011.562	Jan-00	Gaone et al.
6.011.565	Jan-00	KUO et al.
6.014.144	Jan-00	NELSON et al.
6.016.150	01/18/2	Lenovel et al.
6.016.151	Jan-00	Lin
6.018.350	Jan-00	Lee et al.
6.020.931	Feb-00	BILBREY et al.
6.021.417	Feb-00	Massarksv
6.022.274	Feb-00	TAKEDA et al.
6.023.261	Feb-00	Ugaiin
6.026.182	Feb-00	Lee et al.
6.028.608	Feb-00	JENKINS
6.031.542	Feb-00	WITTIG
6.035.360	Mar-00	Doidoe et al.
6.037.948	Mar-00	Liepa
6.038.031	Mar-00	MURPHY
6.038.348	Mar-00	Carlev

\*Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

INFORMATION DISCLOSURE  
CITATION

Atty. Docket No.

Serial No.

723-959

09/726,215

Applicant

FOULADI et al

Filing Date

Group

November 28, 2000

2671

RECEIVED

MAY 14 2003

Technology Center 2600



6.040.843	Mar-00	MONROE et al.		
6.040.844	Mar-00	YAMAGUCHI et al.		
6.041.010	Mar-00	PUAR et al.		
6.043.804	Mar-00	GREENE		
6.043.821	Mar-00	Sprague et al.		
6.046.746	Apr-00	DEERING		
6.046.747	Apr-00	SAUNDERS et al.		
6.046.752	Apr-00	Kirkland et al.		
6.049.337	Apr-00	VAN OVERVELD		
6.049.338	Apr-00	ANDERSON et al.		
6.052.125	Apr-00	Gardiner et al.		
6.052.126	Apr-00	SAKURABA et al.		
6.052.127	Apr-00	VASWANI et al.		
6.052.129	Apr-00	FOWLER et al.		
6.052.133	Apr-00	Kang		
6.054.993	04/25/2	Devic et al.		
6.054.999	Apr-00	Strandberg		
6.057.847	Mav-00	Jenkins		
6.057.849	Mav-00	HAUBNER et al.		
6.057.851	Mav-00	LUKEN et al.		
6.057.859	Mav-00	Handelman et al.		
6.057.861	Mav-00	LEE et al.		
6.057.862	Mav-00	MARGULIS		
6.057.863	Mav-00	Olario		
6.061.462	Mav-00	Tostevin et al		
6.064.392	Mav-00	ROHNER		
6.067.098	Mav-00	DYE		
6.070.204	Mav-00	Poisner, David		
6.072.496	Jun-00	Gunter et al.		
6.075.543	Jun-00	AKELEY		
6.075.546	Jun-00	HUSSAIN et al.		
6.078.311	Jun-00	Pelkey, Michael H.		
6.078.333	Jun-00	WITTIG et al.		
6.078.334	Jun-00	HANAOKA et al.		
6.078.338	Jun-00	HORAN et al.		
6.081.274	Jun-00	SHIRAISHI		
6.088.035	Jul-00	Sudarsky et al		
6.088.042	Jul-00	Handelman et al.		
6.088.487	Jul-00	Kurashige		
6.091.431	Jul-00	SAXENA et al.		
6.092.158	Jul-00	HARRIMAN et al.		
6.094.200	Jul-00	Olsen et al		

\*Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

INFORMATION DISCLOSURE  
CITATION

Atty. Docket No.

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09/726,215

Applicant

FOULADI et al

Filing Date

Group

November 28, 2000

2671

RECEIVED

MAY 14 2003

Technology Center 2600



6.097.435	Aug-00	STANGER et al.
6.097.437	Aug-00	HWANG
6.104.415	Aug-00	GOSSETT
6.104.417	Aug-00	NIELSEN et al.
6.105.094	Aug-00	LINDEMAN
6.108.743	Aug-00	DEBS et al.
6.111.582	Aug-00	Jenkins
6.111.584	Aug-00	Murphy, Nicholas J.N.
6.115.047	Sep-00	DEERING
6.115.049	Sep-00	Winner et al
6.118.462	Sep-00	MARGULIS
6.128.026	Oct-00	BROTHERS, III
6.144.365	Nov-00	Young et al.
6.144.387	Nov-00	LIU et al.
6.151.602	Nov-00	HEJLSBERG et al.
6.155.926	Dec-00	MIYAMOTO et al.
6.157.387	Dec-00	KOTANI
6.166.748	Dec-00	Van Hook et al.
6.172.678 B1	Jan-01	Shiraishi
6.177.944	Jan-01	FOWLER et al.
6.191.794	Feb-01	PRIEM et al.
6.200.253	Mar-01	NISHIUMI et al.
6.204.851 B1	Mar-01	Netschke et al.
6.215.496 B1	Apr-01	Szeliski et al
6.215.497	Apr-01	Leung
6.226.713 B1	May-01	Mehrotra
6.232.981	May-01	Gossett, Carroll Philip
6.236.413	May-01	Gossett et al.
6.239.810	May-01	Van Hook et al.
6.252.608	Jun-01	Snyder et al.
6.252.610	Jun-01	Hussain
6.264.558	Jul-01	NISHIUMI et al.
6.268.861 B1	Jul-01	Sanz-Pastor et al.
6.275.235	Aug-01	Morgan, III, David L.
6.285.779	Sep-01	Lapidous et al.
6.292.194 B1	Sep-01	Powell, III
6.329.997	Dec-01	We et al.
6.331.856	Dec-01	Van Hook et al.
6.339.428 B1	Jan-02	Fowler et al.
6.342.892 B1	Jan-02	Van Hook et al.
6.353.438	Mar-02	VAN HOOK
6.356.497	Mar-02	PUAR et al.

\*Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

INFORMATION DISCLOSURE  
CITATION

Atty. Docket No.

Serial No.

723-959

09/726,215

Applicant

FOULADI et al

Filing Date

Group

November 28, 2000

2671

RECEIVED

MAY 14 2003



Technology Center 2600

6.408.362 B1	Jun-02	Arimilli et al.			
6.417.858	Jul-02	Bosch et al.			
6.426.747	Jul-02	Hoppe et al.			
6.437.781 B1	Aug-02	Tucker et al.			
6.459.429	Oct-02	Deering			
6.466.223 B1	Oct-02	Dorbie et al.			
6.469.707 B1	Oct-02	Douglas Voorhies			
6.476.808	Nov-02	Kuo et al.			
6.476.822	Nov-02	Burbank			
6.496.187 B1	Dec-02	Michael Deering et al.			

## FOREIGN PATENT DOCUMENTS

DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO
0 637 813 A2	Feb-95	EUROPEAN				
9-330230	Dec-97	JAPAN				
WO/93/04429	Mar-93	PCT				

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

✓	GDC 2000: Advanced OpenGL Game Development, "A Practical and Robust Bump-mapping Technique for Today's GPUs," by Mark Kilgard, July 5, 2000, www.nvidia.com
✓	Technical Presentations: "Texture Space Bump Mapping," Sim Dietrich, November 10, 2000, www.nvidia.com
✓	Whitepapers: "Texture Addressing," Sim Dietrich, January 6, 2000, www.nvidia.com
✓	ZDNet Reviews, from PC Magazine, "Other Enhancements," January 15, 1999, wysiwyg://16/http://www4.zdnet.com...ies/reviews/0,4161,2188286,00.html
✓	ZDNet Reviews, from PC Magazine, "Screen Shot of Alpha-channel Transparency," January 15, 1999, wysiwyg://16/http://www4.zdnet.com...ies/reviews/0,4161,2188286,00.html
✓	Alpha (transparency) Effects, Future Technology Research Index, http://www.futuretech.vuurwerk.nl/alpha.html
✓	Blythe, David, 5.6 Transparency Mapping and Trimming with Alpha, http://toolbox.sgi.com/TasteOfDT/d...penGL/advanced98/notes/node41.html, June 11, 1998
	10.2 Alpha Blending, http://www.sgi.com/software/opengl/advanced98/notes/node146.html
	10.3 Sorting, http://www.sgi.com/software/opengl/advanced98/notes/node147.html
	10.4 Using the Alpha Function, http://www.sgi.com/software/opengl/advanced98/notes/node148.html
✓	Winner, Stephanie, et al., "Hardware Accelerated Rendering Of Antialiasing Using A Modified A-buffer Algorithm," Computer Graphics Proceedings, Annual Conference Series, 1997, pp 307-316

\*Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

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INFORMATION DISCLOSURE  
CITATION

Atty. Docket No.

**723-959**

Applicant

**FOULADI et al**

Filing Date

**November 28, 2000**

Serial No.

**09/726,249 RECEIVED****MAY 14 2003**

Group

**2671****Technology Center 2600**

Debevec, Paul, et al., "Efficient View-Dependent Image-Based Rendering with Projective Texture-Mapping," University of California at Berkeley ✓

Gibson, Simon, et al., "Interactive Rendering with Real-World Illumination," Rendering Techniques 2000; 11th Eurographics Workshop on Rendering, pp. 365-376 (June 2000)

Segal, Mark, et al., "Fast Shadows and Lighting Effects Using Texture Mapping," Computer Graphics, 26, 2, pp. 249-252 (July 1992)

White paper, Kilgard, Mark J., "Improving Shadows and Reflections via the Stencil Buffer" (11/03/1999) ✓

"OpenGL Projected Textures," from web site: [HTTP:// reality.sgi.com](http://reality.sgi.com), 5 pages ✓

"5.13.1 How to Project a Texture," from web site: [www.sgi.com](http://www.sgi.com), 2 pages ✓

Arkin, Alan, email, subject: "Texture distortion problem," from web site: [HTTP://reality.sgi.com](http://reality.sgi.com) (7/1997) ✓

Moller, Tomas et al., "Real-Time Rendering," pp. 179-183 (AK Peters Ltd., 1999) ✓

Williams, Lance, "Casting Curved Shadows on Curved Surfaces," Computer Graphics (SIGGRAPH '78 Proceedings), Volume 12, Number 3, pages 270-274 (August 1978)

Woo et al., "A Survey of Shadow Algorithms," IEEE Computer Graphics and Applications, Volume 10, Number 6, pages 13-32 (November 1990)

Heidrich et al., "Applications of Pixel Textures in Visualization and Realistic Image Synthesis," Proceedings 1999 Symposium On Interactive 3D Graphics, pages 127-134 (April 1999)

Hourcade et al, "Algorithms for Antialiased Cast Shadows", Computers and Graphics, vol. 9, no. 3, pp. 260-265 (1985).

Michael McCool, "Shadow Volume Reconstruction from Depth Maps", ACM Transactions on Graphics, Vol. 19, No. 1, Jan. 2000, pages 1-26

RenderMan Artist Tools, PhotoRealistic RenderMan 3.8 User's Manual, Pixar (8/1998)

RenderMan Interface Version 3.2 (7/2000)

White paper, Dietrich, Sim, "Cartoon Rendering and Advanced Texture Features of the GeForce 256 Texture Matrix, Projective Textures, Cube Maps, Texture Coordinate Generation and DOTPRODUCT3 Texture Blending" (12/16/1999)

Peter J. Kovach, INSIDE DIRECT 3D, "Alpha Testing," ppp 289-291 (1999)

Web site information, CartoonReyes, REM Infografica, <http://www.digimotion.co.uk/cartoonreyes.htm>

Raskar, Ramesh et al., "Image Precision Silhouette Edges," Symposium on Interactive 3D Graphics 1999, Atlanta, 7 pages (April 26-29, 1999)

Schlechtweg, Stefan et al., "Rendering Line-Drawings with Limited Resources, Proceedings of GRAPHICON '96, 6th International Conference and Exhibition on Computer Graphics and Visualization in Russia, (St. Petersburg, July 1-5, 1996) vol. 2, pp 131-137 ✓

Haeberli, Paul et al., "Texture Mapping as a Fundamental Drawing Primitive," Proceedings of the Fourth Eurographics Workshop on Rendering, 11 pages, Paris, France (June 1993)

Schlechtweg, Stefan et al., "Emphasising in Line-drawings," Norsk samarbeid innen grafisk databehandling: NORSIGD Info, medlemsblad for NORSIGD, Nr 1/95, pp. 9-10

Markosian, Lee et al., "Real-Time Nonphotorealistic Rendering," Brown University site of the NSF Science and Technology Center for Computer Graphics and Scientific Visualization, Providence, RI, 5 pages (undated)

\*Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Form PTO-FB-A820 (Also PTO-1449)

736908

INFORMATION DISCLOSURE  
CITATION

Atty. Docket No.

**723-959**

Applicant

**FOULADI et al**

Filing Date

**November 28, 2000**

Serial No.

**09/726,215**

Group

**2671****RECEIVED****MAY 14 2003****Technology Center 2600**

Feth, Bill, "Non-Photorealistic Rendering," wif3@cornell.edu, CS490 – Bruce Land, 5 pages (Spring 1998)

Elber, Gershon, "Line Art Illustrations of Parametric and Implicit Forms," IEEE Transactions on Visualization and Computer Graphics, Vol. 4, No. 1, January-March 1998

Zelevnik, Robert et al. "SKETCH: An Interface for Sketching 3D Scenes," Computer Graphics Proceedings, Annual Conference Series 1996, pp. 163-170

Computer Graphics World, December 1997

Reynolds, Craig, "Stylized Depiction in Computer Graphics, Non-Photorealistic, Painterly and 'Toon Rendering," an annotated survey of online resources, 13 pages, last update May 30, 2000, <http://www.red.com/cwr/painterly.html>

Render Man Artist Tools, "Using Arbitrary Output Variables in Photorealistic Renderman (With Applications), PhotoRealistic Renderman Application Note #24, 8 pages, June 1998, <http://www.pixar.com/products/renderman/toolkit/Toolkit/AppNotes/appnote.24.html>

Decaudin, Philippe, "Cartoon-Looking Rendering of 3D Scenes," Syntim Project Inria, 6 pages, <http://www-syntim.inria.fr/syntim/recherche/decaudin/cartoon-eng.html>

Hachigian, Jennifer, "Super Cel Shader 1.00 Tips and Tricks," 2 pages, [http://members.xoom.com/\\_XMCM.jarvia/3D/celshade.html](http://members.xoom.com/_XMCM.jarvia/3D/celshade.html)

Digimation Inc., "The Incredible Comicshop," info sheet, 2 pages, [http://www.digimation.com/asp/product/asp?product\\_id=33](http://www.digimation.com/asp/product/asp?product_id=33)

Softimage/3D Full Support, "Toon Assistant," 1998 Avid Technology, Inc., 1 page, [http://www.softimage.com/3dsupport/techn...uments/3.8/features3.8/rel\\_notes.56.html](http://www.softimage.com/3dsupport/techn...uments/3.8/features3.8/rel_notes.56.html)

Cambridge Animo – Scene III, info sheet, Cambridge Animation Systems, 2 pages, <http://www.cam-ani.co.uk/casweb/products/software/Scenelll.htm>

Mulligan, Vikram, "Toon, " info sheet, 2 pages, <http://digitalcarversguild.com/products/toon/toon.thml>

Toony Shaders, "Dang I'm tired of photorealism," 4 pages, <http://www.visi.com/~mcdonald/toony.html>

"Cartoon Shading, Using Shading Mapping," 1 page, <http://www.goat.com/alias/shaders.html#toonshad>

web site information, CartoonReyes, <http://www.zentertainment.com/zentropy/review/cartoonreyes.html>

VIDI Presenter 3D Repository, "Shaders," 2 pages, <http://www.webnation.com/vidirep/panels/renderman/shaders/toon.phtml>

The RenderMan Interface Version 3.1," (September 1989)

"Renderman Artist Tools, PhotoRealistic RenderMan Tutorial," Pixar (01/1996)

Web site materials, "Renderman Artist Tools, PhotoRealistic RenderMan 3.8 User's Manual," Pixar, NVIDIA.com, technical presentation, "AGDC Per-Pixel Shading" (11/15/2000)

NVIDIA.com, technical presentation, "Introduction to DX8 Pixel Shaders (11/10/2000)

NVIDIA.com, technical presentation, "Advanced Pixel Shader Details" (11/10/2000)

"Developer's Lair, Multitexturing with the ATI Rage Pro," (7 pages) from ati.com web site (2000)

Slide Presentation, Sébastien Dominé, "nVIDIA Mesh Skinning, OpenGL"

Singh, Karan et al., "Skinning Characters using Surface-Oriented Free-Form Deformations," Toronto Canada

"Hardware Technology," from ATI.com web site, 8 pages (2000)

"Skeletal Animation and Skinning," from ATI.com web site, 2 pages (Summer 2000)

\*Examiner

Date Considered

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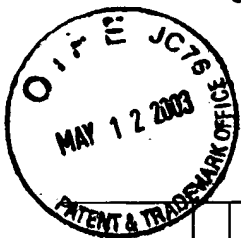
**723-959****09/726,215**

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"Developer Relations, ATI Summer 2000 Developer Newsletter," from ATI.com web site, 5 pages (Summer 2000)  
 Press Releases, "ATI's RADEON family of products delivers the most comprehensive support for the advance graphics features of DirectX 8.0," Canada, from ATI.com web site, 2 pages (11/9/2000)  
 "ATI RADEON Skinning and Tweening," from ATI.com web site, 1 page (2000)  
 Hart, Evan et al., "Vertex Shading with Direct3D and OpenGL," Game Developers Conference 2001, from ATI.com web site (2001)  
 "Search Results for: skinning, from ATI.com web site, 5 pages (5/24/01)  
 Hart, Evan et al., "Graphics by rage," Game Developers Conference 2000, from ATI.com web site (2000)  
 Efficient Command/Data Interface Protocol For Graphics, IBM TDB, vol. 36, issue 9A, September 1, 1993, pgs. 307-312  
 Shade, Jonathan et al., "Layered Depth Images," COMPUTER GRAPHICS Proceedings, Annual Conference Series, pp. 231-242 (1998)  
 Videum Conference Pro (PCI) Specification, product of Winnov (Winnov), published 7/21/1999  
 Hoppe, Hugues, "Optimization of Mesh Locality for Transparent Vertex Caching," PROCEEDINGS OF SIGGRAPH, pages 269-276 (August 8-13, 1999)  
 Whitepaper: Implementing Fog in Direct3D, January 3, 2000, www.nvidia.com  
 Akeley, Kurt, "Reality Engine Graphics", 1993, Silicon Graphics Computer Systems, pp. 109-116.

\*Examiner

Date Considered

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